

KIT FOR USE WITH PAINT CANS CONTAINING PAINT

FIELD OF THE INVENTION

[001] This invention is a kit intended for users in sealing, opening and closing, stirring and storing cans containing paint. It can also be used to pour paint as well as enabling a user to wipe excess paint from a brush.

BACKGROUND OF THE INVENTION

[002] After a person has removed the lid of a sealed can of paint and started painting, it is often necessary to stop painting with the can still containing a substantial amount of paint. To prevent the paint in the can from hardening and becoming unusable from continued exposure to air, the can has to be resealed as quickly as possible after use. The usual method of sealing the can is to replace the lid, but this is difficult to do and often causes paint dripping and spillage. Moreover, pouring paint directly from the can create undesired spillage.

The present invention is a kit which enables quick and easy resealing of a can partially filled with paint without using the original lid. This kit enables frequent use and resealing as required. Moreover, since paint in a reopened can has to be stirred before use, the kit incorporates manually operative stirring means available for immediate usage.

SUMMARY OF THE INVENTION

[003] Hence it is a primary object of this invention to provide a kit which enables quick and easy resealing of a can partially filled with paint without using the original lid.

It is another object of this invention to provide a kit of the character indicated which incorporates manually operative stirring means available for immediate usage for stirring paint in a reopened can of paint.

These and other objects and advantages of this invention will either be explained or will become apparent hereinafter.

In accordance with the principles of this invention, a kit is adapted for manual insertion in and removable from a vertical paint can having an open top and containing paint.

The kit contains a vertical hollow tapered cylinder open at upper and lower ends. The lower end is adapted for removable engagement with the open top end of the paint can. The upper end of the cylinder is larger than the lower end of the cylinder and larger than the open top end of the can. The upper end of the cylinder has a spout adapted to pour paint.

A lid is provided for detachable air tight sealing engagement with the upper end of the cylinder and covering the spout.

Manually operative paint stirring means are provided and are securable within the cylinder and extend therebelow. The means includes a flat horizontal elongated member disposed between the upper and lower ends of the cylinder and secured to opposite inner walls of the cylinder and extending diametrically therebetween. A painter can remove excess paint from a brush by wiping it against this member.

The member has a centrally disposed first hole and the means includes a vertically elongated rod extendable through said hole. The rod has a lower end extending below the cylinder and terminating in paint stirring paddles. The rod has an upper end extending

above the member and below the upper end of the cylinder. The upper end of the rod has a detachable handle which when manually rotated rotates the rod and mixes the paint. The handle may be detached from the upper end of the rod, turned upside down and reattached to the upper end of the rod so that it no longer extends above the top of the upper end of the cylinder. The detachable cylinder cover may be attached for secure air tight paint storage.

BRIEF DESCRIPTION OF THE DRAWINGS

[004] Figure 1 is an exploded view of a preferred embodiment of the invention.

Figure 2 is an enlarged detail view illustrating the installation of the handle on the rod.

Figure 3 is a detail view of the handle..

Figure 4 is a detail side view of the rod and

DETAILED DESCRIPTION OF THE INVENTION

[005] Referring now to Figures 1-4, 1 a kit is adapted for manual insertion in and removable from a vertical paint can 10 having an open top end and containing paint. The kit includes a vertical hollow tapered cylinder 12 open at upper and lower ends. The lower end of the cylinder is adapted for removable engagement with the open top end of the paint can. The upper end of the cylinder is larger than the lower end of the cylinder and larger than the open top end of the can. The upper end of the cylinder has a spout 14 adapted to pour paint.

A lid 16 is adapted for detachable sealing engagement with the upper end of the cylinder. The lid will cover the spout. A handle includes a elongated lever 20 connected at one end of a flat member 22. Member 22 has a square shaped hole 24.

Manually operative paint stirring means utilizes a horizontal elongated member 26 with opposite downwardly extending edges 28 disposed between the upper and lower ends of the cylinder. Member 26 is secured to opposite inner walls of the cylinder and extends diametrically therebetween.

Member 26 has a centrally disposed hole 30. The means includes a vertically elongated rod 32 of square shaped cross section extendable through hole 30. The rod has a lower end extending below the cylinder and terminates in paint stirring paddles 34. The rod has an upper end extending above the member and below the upper end of the cylinder. The upper end has a tip 38 of smaller size. A holding ring 36 secured to the upper end prevents undesired movement of the rod.

In use, member 22 is disposed so that its hole 24 tightly engages the tip 38 of the upper end of rod 32. When lever 20 is swung around in a horizontal circular path, it rotates the rod and mixes the paint

As shown in phantom in Figure 2, the handle structure may be detached from the upper end of the rod, turned upside down and reattached to the upper end of the rod so that it no longer extends above the top of the upper end of the cylinder and the detachable cylinder cover may be attached for secure air tight paint storage.

While the invention has been described with particular reference to the drawings and detailed description, the protection solicited is to be limited only by the terms of the claims which follow